

Claims

1. A network system comprising:

a client for browsing web pages;

a server for providing a function to perform a  
5 predetermined process for said web pages; and

a web server for storing a web page that includes a  
function execution request object which is used to request  
that a process be performed by said function providing  
server,

10 wherein said client obtains, from said web server, said  
web page that includes said function execution request  
object, and when said function execution request object  
included in said web page is selected, said client  
designates the storage location for a target web page and  
15 transmits a process execution request to said function  
providing server,

wherein, upon the receipt of said process execution  
request from said client, said function providing server  
obtains said target web page based on said storage location  
20 that is designated by said process execution request,  
performs a pertinent process for said target web page that  
is obtained, and returns the resultant web page to said  
client that issued said process execution request.

2. The network system according to claim 1, wherein, when  
25 issuing said process execution request, said client  
designates the type of process to be performed, and said  
function providing server performs said designated process

for an obtained web page.

3. The network system according to claim 1, wherein, when said obtained web page is linked with another web page, said function providing server also obtains a web page at a linking destination and performs a process for said obtained web page.

4. The network system according to claim 1, wherein said function providing server inserts predetermined advertisement contents into said web page obtained by said process.

5. A server, for receiving an execution request from a client and for performing a predetermined function in consonance with said execution request, comprising:

a command analyzer for, in response to the selection of a function execution request object that is included in a web page displayed by said client and that is used to request that said server execute a process, accepting and analyzing an execution request that is received by said server and that includes information concerning a storage location for a target web page that is to be processed;

a web page acquisition unit for obtaining said target web page based on said information that is included in said execution request concerning said storage location for said target web page; and

a web page converter for performing a predetermined conversion process for said target web page that is

obtained.

6. The server according to claim 5, further comprising:

a transmission unit for returning, to said client, the resultant web page obtained by the performance of said  
5 conversion process.

7. The server according to claim 5, wherein, when said obtained web page is linked with another web page, said web page acquisition unit also obtains a web page at a linking destination; and wherein said web page converter performs  
10 said predetermined conversion process for said web page at said linking destination that is obtained by said web page acquisition unit.

8. The server according to claim 5, further comprising:

an advertisement insertion unit for inserting  
15 predetermined advertisement contents into said web page obtained by said web page converter.

9. The server according to claim 8, wherein said advertisement insertion unit selects for insertion an advertisement content type based on the type of processing  
20 that said web page converter performs for said web page.

10. The server according to claim 8, wherein said advertisement insertion unit selects for insertion an advertisement content type based on a keyword that is extracted from said web page.

11. A web server, for storing a web page that is browsed by means of a communication network, comprises:

storage means for storing a web page, including both a description of a URL for a function providing server, which  
5 performs a predetermined process for a web page, and a description of an option for obtaining a URL for a web page that is inserted into said web server; and

communication control means for accepting a request to browse a web page and for returning said web page to the  
10 source that transmitted said request.

12. A web page comprising:

a first script, for displaying an execution function request object on a web page; and

a second script, performed in response to the selection of  
15 said function execution request object on said web page, which is displayed by predetermined display means, for obtaining the URL of said web page and for transmitting the URL to a function providing server that has been registered in advance.

20 13. A data processing method for receiving an execution request from a client and for performing a predetermined process in consonance with the execution request comprising the steps of:

analyzing, in response to the selection of a function  
25 execution request object that is included in a web page displayed by said client and that is used to request that

said server execute a process, an execution request that is received by said server and that includes information concerning a storage location for a target web page that is to be processed;

- 5 obtaining said target web page based on the information, which is included in said execution request, concerning said storage location for said target web page; and

performing a predetermined conversion process for said target web page that is obtained.

- 10 14. A storage medium on which input means of a computer stores a computer-readable program, which permits said computer to perform:

a process for analyzing, in response to the selection of a function execution request object that is included in a web page displayed by said client and that is used to request that said server execute a process, an execution request that is received by said server and that includes information concerning a storage location for a target web page that is to be processed;

- 15 20 a process for obtaining said target web page based on said information, which is included in said execution request, concerning said storage location for said target web page; and

a process for performing a predetermined conversion process for said target web page that is obtained.

15. A storage medium on which input means of a computer stores a script written in a source of a web page, said

script includes:

a first script, for displaying an execution function request object on a web page; and

a second script, performed in response to the selection of  
 5 said function execution request object on said web page,  
 which is displayed by predetermined display means, for  
 obtaining the URL of said web page and for transmitting the  
 URL to a function providing server that has been registered  
 in advance.

10 16. A program transmission apparatus comprising:

storage means for storing a first script, for displaying  
 an execution function request object on a web page, and a  
 second script, performed in response to the selection of  
 said function execution request object on said web page,  
 15 which is displayed by predetermined display means, for  
 obtaining the URL of said web page and for transmitting the  
 URL to a function providing server that has been registered  
 in advance; and

transmission means for reading said first and said second  
 20 scripts from said storage means and for transmitting said  
 first and said second scripts.